

Spectral test report for lamp

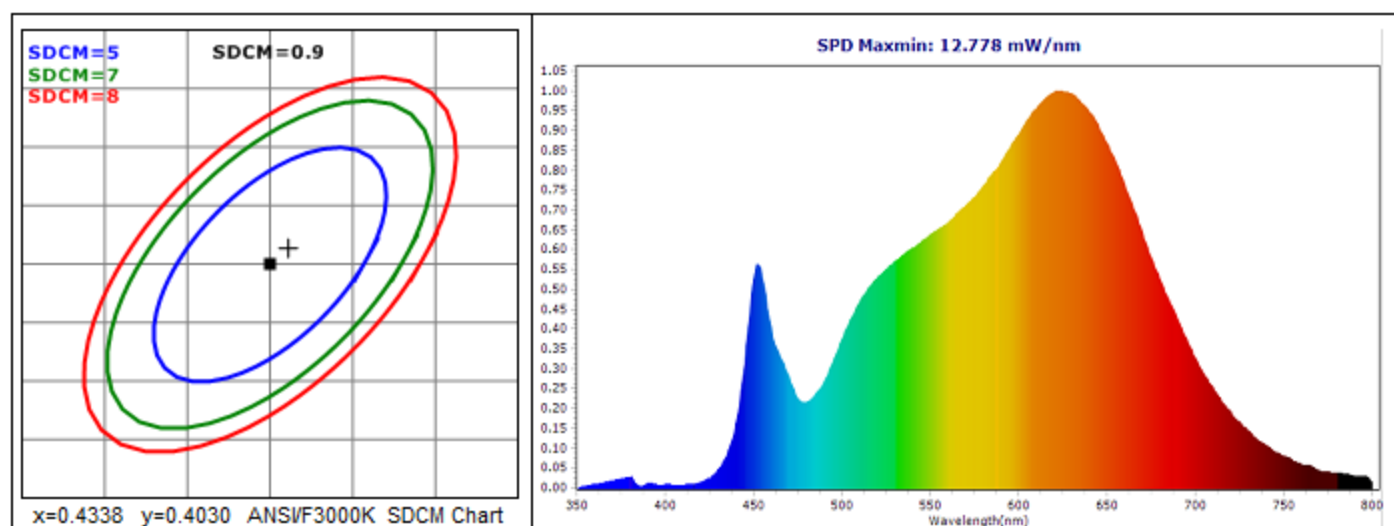
Product type :
Product No. : L-R703-COB2-30K-36-WH
Manufacturer :

Test time : 2025/12/9 13:41:15
Test equipment : SPEC-2000A Spectrometer
Operator :

CIE Color Parameter

Chromaticity coordinates: $x=0.4355$ $y=0.4046$ $u=0.2494$ $v=0.3476$ $u^*=0.2494$ $v^*=0.5214$
Color temperature: 3034 K (duv=+0.00041) Color difference: SDCM(ANSI/F3000)=0.9 Main Wavelength: $\lambda_d=487.3$ nm Purity: 0.029
Peak wavelength: $\lambda_p=621.7$ FWHM: $\Delta\lambda_p=167.4$ nm Color ratio: R=0.258 G=0.716 B=0.026

Color rendering index: Ra=94.61 Color Fidelity: Rf=93.27 Color Gamut: Rg=100.04 GAI=99.29
R1=94.4 R2=96.1 R3=96.6 R4=98.7 R5=97.0 R6=95.9 R7=92.7 R8=85.0
R9=68.0 R10=90.5 R11=99.1 R12=80.9 R13=94.7 R14=97.5 R15=90.5



Optical Parameter

Luminous flux: 631.6 lm luminous efficiency: 92.07 lm/w Radiant flux: 2.218 W
Energy efficiency index (EEI): 92.070 Energy efficiency class: F (EU 2019/2015) (EU 874)
MES1=499.898 MES2=500.364

Electrical Parameter

Voltage(V): 221.42 Current(A): 0.0507 Watte(W): 6.860 Power factor: 0.6112

Test Infomation

Temperature : Deg C Humidity :
Test range : 350-800nm : 1nm Peak AD. : 42553 (64.9%)
Preheat time : 0(min) Integral time. : 176.02 (ms)